

# PATENT ABSTRACTS OF JAPAN

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(21)Application number : 61-102285 (71)Applicant : SHIN ETSU CHEM CO LTD

(22)Date of filing : 02.05.1986 (72)Inventor : OBA TOSHIO  
MIHAMA TAKESHI  
FUTATSUMORI KOJI

## (54) PRODUCTION OF SPHERICAL FINE POWDER OF SILICONE ELASTOMER

### (57)Abstract:

PURPOSE: To obtain the titled fine powder free from self-fusion tendency, having rubber elasticity and excellent lubricity and useful for thermoplastic resin, etc., by spray-drying an emulsion composed of a hardenable organopolysiloxane composition.

CONSTITUTION: The objective fine powder can be produced by emulsifying (A) an organopolysiloxane having  $\geq 2$  vinyl groups bonded to Si atom in one molecule (e.g. the compound of formula I) and (B) an organohydrogen polysiloxane having  $\geq 2$  hydrogen atoms bonded to Si atom in one molecule (e.g. the compound of formula II) in the presence of a surfactant and water to obtain an emulsion having emulsion particle diameter of  $\leq 20\mu\text{m}$ , adding (C) a platinum catalyst to the emulsion and spray-drying the mixture.

